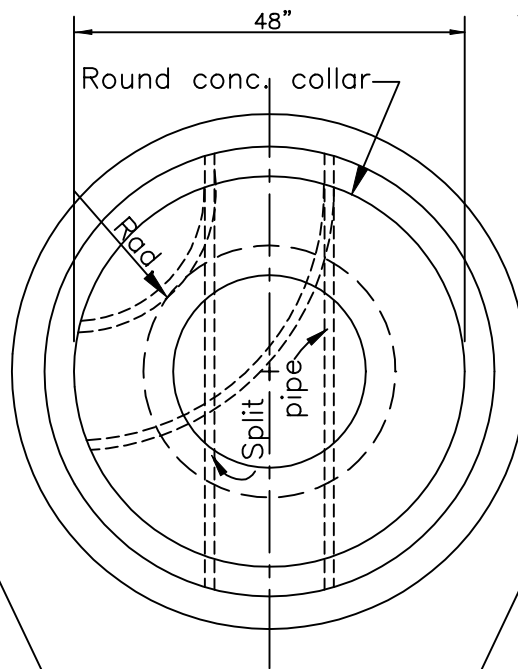


Plan view showing quarter bend to be used when making a turn.

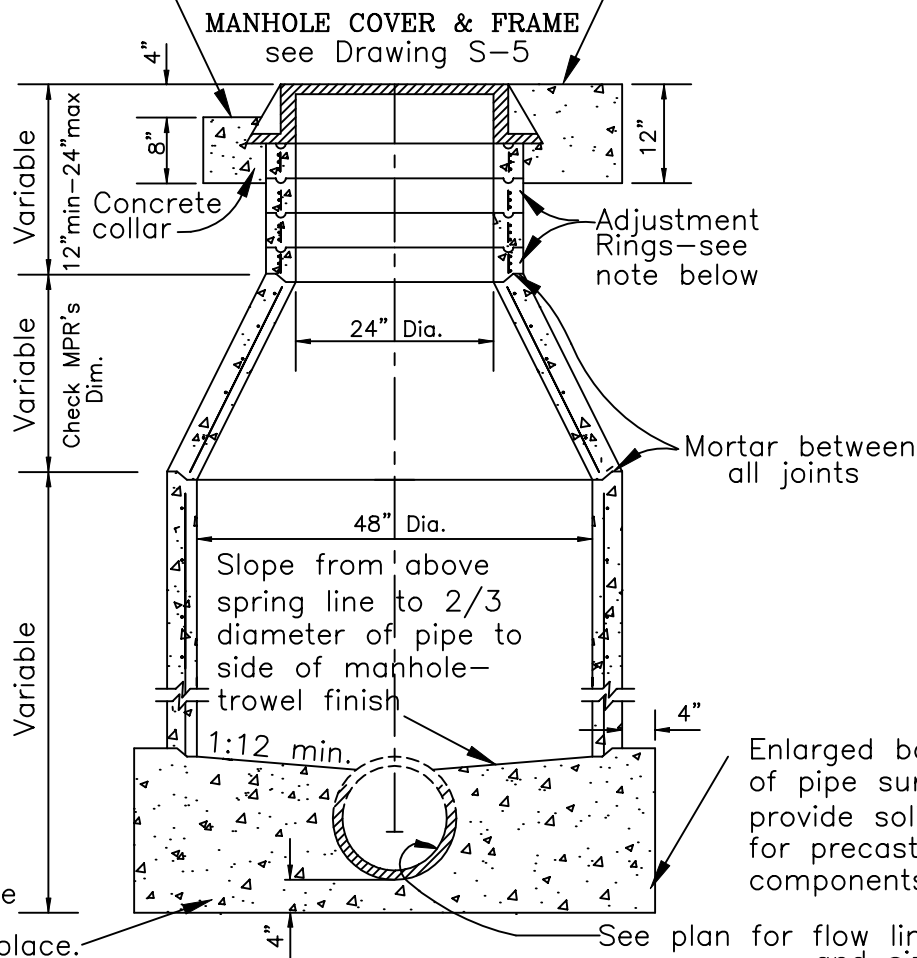
Quarter turns to be constructed to form a smooth flow line of same shape and pattern as bottom wall of pipe.

To be paved with A.C. (AR4000 or AR8000) tack-coat concrete. & metal surfaces prior to paving.

All straight pipe to be laid through manholes with top half removed to provide at least a 44" opening. Rough broken edges shall be mortared smooth. This also includes upper ends of line manhole.



Class "A" P.C.C. collar around C.I. frame — as shown. Set frame in conc. bed for conc. street only. Collar to be flush.



Precast manhole pipe to set on class "A" concrete poured in place.

MANHOLE DETAILS
Scale: 1/2"=1'-0"

GENERAL NOTES:

1. PRECAST PIPE, ADJUSTMENT RINGS AND TAPERED SECTIONS SHALL BE CLASS II R.C.P. IN ACCORDANCE WITH ASTM C-478. ELLIPTICAL SINGLE LINE REINFORCEMENT WILL NOT BE PERMITTED.
2. THIS STANDARD DRAWING SHALL BE USED FOR SEWER PIPES WITH DIAMETERS OF UP TO 27".

**48" SEWER MANHOLE
WITH PRECAST SECTIONS AND
CAST IRON FRAME & COVER**

REF. & REV.

AUG. 2002

CITY OF FRESNO

S-3